IN THE CLAIMS

Please amend the claims as follows:

1. (CURRENTLY AMENDED) A method comprising the steps of:

a) providing a command sequence containing a channel identifier to a receiving device of a plurality of daisy chained devices;

b) modifying the channel identifier within a received command sequence to generate a modified command sequence having a modified channel identifier for transmission to the next device in the daisy chain; and

c) executing a command of the received command sequence on any device receiving the command, if the received channel identifier within that received command sequence matches a pre-determined value, wherein each of the plurality of devices uses the same pre-determined value for comparison.

~~a) serially providing a command sequence containing a first channel identifier to a first device of a plurality of daisy chained devices; and~~

~~b) modifying the first channel identifier to generate a second channel identifier for transmission to the next device in the daisy chain.~~

2. (ORIGINAL) The method of claim 1 wherein the command sequence includes a command word, an address word, and at least one data word.

3. (CANCELED)

4. (CURRENTLY AMENDED) The method of claim ~~3~~ 1 wherein the pre-determined value is a selected member of the set {x0h, xFh}.

5. (CURRENTLY AMENDED) The method of claim 1 wherein step b) further comprises the step of incrementing the ~~first~~ received channel identifier to form the ~~second~~ modified channel identifier.

6. (CURRENTLY AMENDED) The method of claim 1 wherein step b) further comprises the step of decrementing the ~~first~~ received channel identifier to form the ~~second~~ modified channel identifier.

7. (CURRENTLY AMENDED) The method of claim 1 wherein the ~~first~~ channel identifier is provided in least significant bit order within the command sequence.

8. (CURRENTLY AMENDED) The method of claim 1 further comprising the ~~step~~ steps of:

d) transmitting the same command sequence to all of the serial devices substantially simultaneously when in a broadcast mode; and

e) cascading the command sequence through the serial devices when in a daisy chain mode.

~~c) executing a command of the command sequence received by each device on that device independently of its associated received channel identifier, if a broadcast option is selected.~~

9. (CURRENTLY AMENDED) An apparatus comprising a plurality of serial devices, wherein each serial device comprises: ~~A serial device apparatus comprising:~~

a serial input port for receiving a first command sequence having a first channel identifier and a remaining command sequence;

a daisy chain output port; ~~and~~

command sequence processing logic for modifying the first channel identifier to form a second channel identifier, wherein the command processing logic provides the second channel identifier and the remaining command sequence to the daisy chain output port; and

command execution logic for executing the command if the first channel identifier matches a pre-determined value, wherein each of the plurality of serial devices uses the same pre-determined value.

10. (ORIGINAL) The apparatus of claim 9 wherein the first channel identifier is incremented to form the second channel identifier.

11. (ORIGINAL) The apparatus of claim 9 wherein the first channel identifier is decremented to form the second channel identifier.

12. (ORIGINAL) The apparatus of claim 9 wherein the first channel identifier is stored in least significant bit order within the command sequence.

13. (CANCELED)

14. (CURRENTLY AMENDED) The apparatus of claim ~~13~~ 1 wherein the pre-determined value is a selected member of the set {x0h, xFh}.

15. (CURRENTLY AMENDED) An apparatus comprising:

a bus master providing an initial command sequence having an initial channel identifier;

a plurality of serial devices, each device comprising:

a serial input port for receiving a first command sequence having a first channel identifier and a remaining command sequence;

a daisy chain output port; and

command sequence processing logic for modifying the first channel identifier to form a second channel identifier, wherein the command processing logic provides the second channel identifier and the remaining command sequence to the daisy chain output port; and

a bus coupling the serial devices in one of a non-daisy-chain normal configuration and a daisy chain configuration.

16. (ORIGINAL) The apparatus of claim 15 wherein the bus master provides the initial command sequence with the channel identifier selected from the set of {x0h, xFh} when the devices are coupled in the normal configuration, wherein each of the plurality of devices receives the initial command sequence substantially simultaneously.

17. (CURRENTLY AMENDED) The apparatus of claim 15 wherein when coupled in the daisy chain configuration, the bus master provides the initial

command sequence to a first serial device of the plurality of devices, wherein each subsequent device receives a modified command sequence including ~~the~~ its associated second channel identifier and the remaining command sequence provided by a preceding serial device, wherein the plurality of second channel identifiers is distinct.

18. (ORIGINAL) The apparatus of claim 15 wherein each serial device further comprises command execution logic, wherein the command execution logic executes the command sequence received by that device if the associated channel identifier matches a pre-determined value shared by the plurality of serial devices.

19. (ORIGINAL) The apparatus of claim 18 wherein the pre-determined value is a selected member of the set {x0h, xFh}.

20. (ORIGINAL) The apparatus of claim 15 wherein the bus master provides the initial channel identifier in least significant bit order within the initial command sequence, wherein the initial command sequence is provided in most significant bit order.